

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-23 (Cancelled)

24. (Currently Amended) A mobile fumigation apparatus including: an system positioned within at least one ISO general purpose shipping container, which at least in part defines, the container comprising:

a first gas-tight compartment including a fumigation chamber being adapted to contain produce to be fumigated; and

mobile a second compartment including a fumigation means apparatus operatively coupled to the fumigation chamber the shipping container, and

a partition wall separating the first compartment and the second compartment, wherein the mobile fumigation means including apparatus includes:

a fumigant inlet means device operatively coupled to the shipping container fumigation chamber through the partition wall to allow a flow of a fumigant into the fumigation chamber;

an extraction means device operatively coupled to the container fumigation chamber and arranged to remove a majority of the fumigant from the fumigation chamber; and

an absorption means device operatively coupled to the extraction means device, the absorption means device being designed to absorb the fumigant removed from the fumigation chamber; and

means for washing at least part of the absorption means to remove and degrade the absorbed fumigant.

25. (Currently Amended) ~~The fumigation apparatus as defined in claim 24 wherein the mobile fumigation means is defined by a shipping container.~~ A mobile fumigation system, comprising:

a fumigation chamber defined by at least one gas-tight ISO general purpose shipping container adapted to accommodate produce to be fumigated, and

a fumigation apparatus located in a separate container,

wherein the fumigation apparatus is operatively coupled to the fumigation chamber of the at least one gas-tight general purpose shipping container, the fumigation apparatus comprising:
a fumigant inlet device for flowing fumigant into the fumigation chamber;
an extraction device for removing a majority of the fumigant from the fumigation chamber;
and an absorption device for absorbing the fumigant removed from the fumigation chamber.

26. (Currently Amended) The mobile fumigation apparatus system as defined in claim 24 ~~wherein the fumigation chamber is a pair of shipping containers positioned alongside one another~~ each 25, comprising an additional shipping container accommodating a second fumigation chamber, wherein the second fumigation chamber is operatively coupled to the mobile fumigation means apparatus positioned in the separate container.

27. (Currently Amended) The fumigation apparatus system as defined in claim 24 wherein the ~~mobile fumigation means is defined by a~~ partition wall in the shipping container, ~~the wall separating the mobile fumigation means apparatus and the fumigation chamber is secure against~~ passage of fumigant.

28. (Currently Amended) The fumigation apparatus system as defined in claim 24 wherein the absorption ~~means~~ device comprises an absorption bed including activated carbon for absorbing at least part of the fumigant extracted from the fumigation chamber.

29. (Currently Amended) The fumigation apparatus system as defined in claim 24 also including a sliding bed or floor on which the produce resides, the bed or floor being configured to slide into and out of the fumigation chamber wherein loading and unloading of the produce to be fumigated can be performed externally of the chamber.

30. (Currently Amended) The fumigation apparatus system as defined in claim 24 wherein the ~~mobile fumigation means~~ apparatus incorporates a source of the fumigant which is directly associated with a heating source, the latter used to convert the fumigant into a gaseous form.

31. (Currently Amended) The fumigation apparatus system as defined in claim 24 wherein the fumigant inlet ~~means~~ device is adapted to detachably couple to a mobile source of the fumigant.

32. (Currently Amended) The fumigation ~~apparatus~~ system as defined in claim 24 wherein the ~~mobile fumigation means~~ second compartment incorporates a system control box, a gas-tight fumigant supply source and a ~~system~~ plurality of fumigant delivery pipes and valves adapted in use to supply fumigant from ~~[[a]]~~ the supply source through the partition wall to the fumigation chamber.

33. (Currently Amended) The fumigation ~~apparatus~~ system as defined in claim 32 wherein the fumigant inlet ~~means~~ device ~~includes~~ is coupled to a dispersion pipe system located in the fumigation chamber.

34. (Currently Amended) The fumigation ~~apparatus~~ system as defined in claim 24 wherein the fumigation chamber contains a plurality of floor and wall-mounted pipes independently connected via a system of taps and connectors to a fumigant sampling and detection meter unit located in ~~a control room~~ the second compartment.

35. (Currently Amended) The fumigation ~~apparatus~~ system as defined in claim 32 wherein the system control box contains a fumigant sampling and detection meter unit and power supply switches for mixing fans, exhaust fan, lights, gas heaters and valve actuators.

36. (Currently Amended) The fumigation ~~apparatus~~ system as defined in claim 24 ~~wherein~~ the comprising means a device for washing ~~comprises a chemical solution for washing~~ at least part of the absorption bed with a chemical solution to remove and degrade the absorbed fumigant.

37. (Currently Amended) The fumigation ~~apparatus~~ system as defined in claim 36 wherein the solution comprises sodium thiosulphate for degrading methyl bromide.

38. (Withdrawn) A method of fumigating produce, the method comprising the steps of:
providing a fumigation apparatus including an ISO general purpose shipping container which at least in part defines a fumigation chamber and a mobile fumigation means operatively coupled to the shipping container;

locating the produce to be fumigated in the fumigation chamber;

providing a flow of a fumigant to the fumigation chamber;

extracting at least some of the fumigant from the chamber;

absorbing the fumigant extracted from the fumigation chamber; and

washing at least part of the absorption means to remove and degrade the absorbed fumigant.

39. (Withdrawn) A method of fumigating produce as defined in claim 38 wherein the fumigant extracted from the chamber is absorbed on an absorption bed.

40. (Currently Amended) The mobile fumigation apparatus system as defined in claim 25 wherein the fumigation chamber is defined by a pair of shipping containers positioned alongside one another, each container operatively coupled to the ~~mobile fumigation means~~ apparatus.

41. (Currently Amended) The mobile fumigation apparatus system as defined in claim 40 wherein the fumigant inlet ~~means device~~ is adapted to detachably couple to a mobile source of the fumigant.

42. (Currently Amended) The mobile fumigation apparatus system as defined in claim ~~41~~ 40 wherein the ~~mobile fumigation means apparatus~~ incorporates a system control box, a fumigant supply source and a system of fumigant delivery pipes and valves adapted in use to supply fumigant from ~~[[a]]~~ the supply source to the fumigation chamber.

43. (Currently Amended) The mobile fumigation apparatus system as defined in claim 42 wherein the fumigant inlet ~~means device includes~~ is operatively coupled to a dispersion pipe system located in the fumigation chamber.

44. (Currently Amended) The mobile fumigation apparatus system as defined in claim 43 wherein the fumigation chamber contains a plurality of floor and wall-mounted pipes independently connected via a system of taps and connectors to a fumigant sampling and detection meter unit located in ~~a control room~~ the separate container.

45. (New) A mobile fumigation system positioned within at least one ISO general purpose shipping container, the container comprising:

a first compartment containing a fumigation chamber being adapted to contain produce to be fumigated; and

a second compartment containing a fumigation apparatus operatively coupled to the fumigation chamber, the fumigation apparatus including:

a fumigant inlet device for providing a flow of a fumigant into the fumigation chamber;
an extraction device for removing a majority of the fumigant from the fumigation chamber;
and
an absorption device for absorbing the fumigant removed from the fumigation chamber.